

ABSTRACT

The invention provides a view angle control sheet having a wide view angle, in which diffuse light from a screen image source is effectively utilized to suppress a decrease in screen brightness while a decrease in image contrast caused by an outside light beam is suppressed to prevent generation of a ghost and thereby contrast is improved. In a view angle control sheet, lens portions having trapezoidal shapes in section are arranged at predetermined intervals, a wedge-shaped portion between the lens portions adjacent to each other is filled with the same material as the lens portion or with a material different from the lens portion, the wedge-shaped portion has a bottom surface on a screen image source side while having a leading end on an observer side, and the following relationships hold: $N_x \leq N_y$ and $-0.01 < \Delta n - \cos\theta < 0.002$, where N_x is a refractive index of a material constituting at least a slope portion of the wedge-shaped portion, N_y is a refractive index of a material constituting the lens portion, and Δn is a ratio (N_x/N_y) of the refractive index N_x to the refractive index N_y ; and a sectional shape of the wedge-shape portion has a wide bottom surface on the screen image source side.